AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

- 1. (cancelled)
- 2. (cancelled)
- 3. (cancelled)
- 4. (cancelled)
- 5. (cancelled)
- (cancelled)
- 7. (currently amended) The A multi-hull vessel in accordance with claim 6, said vessel comprising:

a main hull;

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- at least two lateral hulls disposed on opposite sides of

 said main hull with a surface deck disposed

 therebetween;
- an engine mounted in said main hull, said engine being capable of producing exhaust;
- areas of each of said lateral hulls in which said

 microbubble injectors are limited to the subsurface

 areas of said lateral hulls, extend around the bottoms

 of said lateral hulls and are spaced along inboard and

 outboard sides of said lateral hulls wherein each of

 said microbubble injectors comprises a plate having an

 open area in the range of 40-50%, the open area

 defined by a multiplicity of apertures in the range of

 1/16 1/8 inch diameter; and
- a plurality of conduits in fluid communication with said engine and microbubble injectors;
- wherein said engine is capable of producing cooling air

 with said conduits directing the cooling air to said

 microbubble injectors thereby effecting microbubble

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operation on the exterior areas and whereby upon an operation of said engine, exhaust produced by said engine is directed by said conduits to said microbubble injectors thereby effecting generation of microbubbles on the exterior areas to occasion microbubble drag reduction on said lateral hulls.

- 8. (original) The multi-hull vessel in accordance with claim 7 wherein the subsurface areas of said lateral hulls are provided with a non-wetting hull coating.
- 9. (cancelled)
- 10. (cancelled)
- 11. The A multi-hull vessel in accordance with claim 10 said vessel comprising:

a main hull;

at least two lateral hulls disposed on opposite sides of

said main hull with a surface deck disposed

therebetween;

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- an engine mounted in said main hull, said engine being capable of producing exhaust;
- a plurality of microbubble injectors disposed in exterior

 areas of each of said lateral hulls in which said

 microbubble injectors are limited to the subsurface

 areas of said lateral hulls, are spaced along one side

 of each of said lateral hulls and extend around the

 bottoms of said lateral hulls wherein each of said

 microbubble injectors comprises a plate having an open

 area in the range of 40 -50%, said open area defined

 by a multiplicity of apertures in the range of 1/16
 1/8 inch diameter; and
- a plurality of conduits in fluid communication with said engine and microbubble injectors;
- with said conduits directing the cooling air to said

 microbubble injectors thereby effecting microbubble

 generation on the exterior areas and whereby upon an

 operation of said engine, exhaust produced by said

 engine is directed by said conduits to said

 microbubble injectors thereby effecting generation of

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microbubbles on the exterior areas to occasion microbubble drag reduction on said lateral hulls.

- 12. (cancelled)
- 13. (currently amended) The A multi-hull vessel in accordance with claim 2, said vessel comprising:

a main hull;

- at least two lateral hulls disposed on opposite sides of said main hull with a surface deck disposed therebetween;
- an engine mounted in said main hull, said engine being capable of producing exhaust;
- a plurality of microbubble injectors disposed in exterior

 areas of each of said lateral hulls wherein each of
 said microbubble injectors comprises a plate having an
 open area in the range of 40 -50%, said open area
 defined by a multiplicity of apertures in the range of
 1/16 1/8 inch diameter; and

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a plurality of conduits in fluid communication with said engine and microbubble injectors;

wherein said engine is capable of producing cooling air

with said conduits directing the cooling air to said

microbubble injectors thereby effecting microbubble

generation on the exterior areas and whereby upon an

operation of said engine, exhaust produced by said

engine is directed by said conduits to said

microbubble injectors thereby effecting generation of

microbubbles on the exterior areas to occasion

microbubble drag reduction on said lateral hulls.

- 14. (original) The multi-hull vessel in accordance with claim
 13 wherein the subsurface areas of said lateral hulls are
 provided with a non-wetting hull coating.
 - 15. (cancelled)
 - 16. (cancelled)
 - 17. (cancelled)
 - 18. (cancelled)